

# ROOSEVELT YOUNG JR

Software Development Engineer

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## Summary

Software Engineer with 4 years of experience in designing and developing distributed backend service-oriented architecture. Contributed to VMware Cloud – a product which deployed SDDC to the cloud providers such as AWS. Contributed to an extension of Java Spring Boot Framework to add VMware specific support for service development and service upgrades.

## Experience

VMware by Broadcom, Remote – Bellevue, Washington

### Senior Software Engineer - VMware Cloud

Oct 2023 – Aug 2024

- Implemented support for resource ownership through Git and CI/CD pipelines to automatically assign scopes and permissions for OAuth tokens.
- Led efforts for configurable builds; notably multiarch and Artifactory/AWS CodeArtifact.
- Extended the Java Spring Boot framework to integrate Docker, Kubernetes, containerization, dashboards, CI/CD pipelines, service upgrades, templating SDKs, alerts, testing; all within the VMC context to streamline service development for 100+ services.

### Member of Technical Staff - VMware Cloud

Oct 2020 – Oct 2023

- Owned Feature Flag system, consolidated several SDK implementations into one.
- ETL code in Python for data migration and service testing.
- Defined automated testing, build, deploy, and release operations for microservices.

Azuqua by Okta, Bellevue, Washington

### Software Engineering Intern

Aug 2018 – Mar 2019

## Education

Washington State University, Pullman, WA

### Bachelor of Science in Computer Science

2018

- Data Science Focus
- Key Courses: Data Science R, Big Data Python, Parallel Processing C++, Computer Networks and Security, Databases SQL C#, Artificial Intelligence C

## Miscellaneous

Data Analytics – Professional and Continuing Education UW – Seattle

Spring 2020

- R based course in professional application of machine learning, regression, classification, R programming, statistical methods.

Languages: Java, Python, C/C++, Shell, SQL, Object Oriented Programming (OOP)

Tools & Platforms: CI/CD, Docker, Kubernetes, Spring Boot, REST APIs, Artifactory, Git